

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : Heiner SCHEER et al.
International Application No. : PGT/DE00/02879
International Filing Date : August 23, 2000
U.S. Serial No. : 09/830,825
For : **SENSOR ELEMENT FOR
DETERMINING THE OXYGEN
CONCENTRATION IN GAS
MIXTURES AND METHOD
FOR ITS MANUFACTURE**

Assistant Commissioner for Patents
Box PCT
Washington, D.C. 20231

Attention: DO/EO/US

**RESPONSE TO MISSING REQUIREMENTS
UNDER 35 U.S.C. 371**

S I R :

In response to the Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US) (mailed May 31, 2001), Applicants submit herewith a fully executed Declaration, in order to complete the filing requirements for the U.S. national phase of the above-identified PCT application. The application filed in the Patent Office is the application which the inventors executed by signing the Declaration and Power of Attorney. A copy of the Notification of Missing Requirements is enclosed.

The Office is authorized to charge the \$130.00 fee to cover the surcharge for late filing of the Declaration and any additional fees to Deposit Account No. 11-0600.

08/02/2001 HKAYPAGH 00000044 110600 09830825
01 FC:154 130.00 CH

Date: 7/30/01

Respectfully submitted,

KENYON & KENYON

Richard L. Mayer

By: Mary C. Wenzel Reg No. 30,333

Richard L. Mayer, Reg. No. 22,490

One Broadway
New York, NY 10004
Tel: (212) 425-7200
Fax: (212) 425-5288

EXPRESS MAIL NO.: EL244503143US

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **SENSOR ELEMENT FOR DETERMINING THE OXYGEN CONCENTRATION IN GAS MIXTURES AND METHOD FOR ITS MANUFACTURE**, the specification of which was filed as PCT International Application No. PCT/DE00/02879 on August 23, 2000.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

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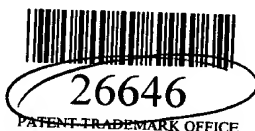
PRIOR FOREIGN APPLICATION(S)

Number	Country Filed	Day/Month/Year	Priority Claimed Under 35 USC 119
199 41 051.8	Fed. Rep. of Germany	28 August 1999	Yes

And I hereby appoint Richard L. Mayer (Reg. No. 22,490) and Gerard A. Messina (Reg. No. 35,952) my attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please address all communications regarding this application to:

KENYON & KENYON
One Broadway
New York, New York 10004



Please direct all telephone calls to Richard L. Mayer at (212) 425-7200.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful and false statements may jeopardize the validity of the application or any patent issued thereon.

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Date: 16.05.2001

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Citizenship: Federal Republic of Germany

Post Office Address: Same as above.

Parameter	Value	Unit
Initial concentration	1.0	g/L
Initial pH	7.0	
Temperature	25	°C
Time	0, 1, 2, 4, 8, 16, 32, 64, 128, 256, 512, 1024, 2048, 4096, 8192, 16384, 32768, 65536, 131072, 262144, 524288, 1048576, 2097152, 4194304, 8388608, 16777216, 33554432, 67108864, 134217728, 268435456, 536870912, 1073741824, 2147483648, 4294967296, 8589934592, 17179869184, 34359738368, 68719476736, 137438953472, 274877906944, 549755813888, 1099511627776, 2199023255552, 4398046511104, 8796093022208, 17592186044416, 35184372088832, 70368744177664, 140737488355328, 281474976710656, 562949953421312, 1125899906842624, 2251799813685248, 4503599627370496, 9007199254740992, 18014398509481984, 36028797018963968, 72057594037927936, 144115188075855872, 288230376151711744, 576460752303423488, 1152921504606846976, 2305843009213693952, 4611686018427387904, 9223372036854775808, 18446744073709551616, 36893488147419103232, 73786976294838206464, 147573952589676412928, 295147905179352825856, 590295810358705651712, 1180591620717411303424, 2361183241434822606848, 4722366482869645213696, 9444732965739290427392, 18889465931478580854784, 37778931862957161709568, 75557863725914323419136, 151115727451828646838272, 302231454903657293676544, 604462909807314587353088, 1208925819614629174706176, 2417851639229258349412352, 4835703278458516698824704, 9671406556917033397649408, 19342813113834066795298816, 38685626227668133590597632, 77371252455336267181195264, 154742504910672534362390528, 309485009821345068724781056, 618970019642690137449562112, 1237940039285380274899124224, 2475880078570760549798248448, 4951760157141521099596496896, 9903520314283042199192993792, 19807040628566084398385987584, 39614081257132168796771975168, 79228162514264337593543950336, 158456325028528675187087900672, 316912650057057350374175801344, 633825300114114700748351602688, 1267650600228229401496703205376, 2535301200456458802993406410752, 5070602400912917605986812821504, 10141204801825835211973625643008, 20282409603651670423947251286016, 40564819207303340847894502572032, 81129638414606681695789005144064, 162259276829213363391578010288128, 324518553658426726783156020576256, 649037107316853453566312041152512, 1298074214633706907132624082305024, 2596148429267413814265248164610048, 5192296858534827628530496329220096, 10384593717069655257060992658440192, 20769187434139310514121985316880384, 41538374868278621028243970633760768, 83076749736557242056487941267521536, 166153499473114484112975882535043072, 332306998946228968225951765070086144, 664613997892457936451903530140172288, 1329227995784915872903807060280344576, 2658455991569831745807614120560689152, 5316911983139663491615228241121378304, 10633823966279326983230456482242756608, 21267647932558653966460912964485513216, 42535295865117307932921825928971026432, 85070591730234615865843651857942052864, 170141183460469231731687303715884105728, 340282366920938463463374607431768211456, 680564733841876926926749214863536422912, 1361129467683753853853498429727072845824, 2722258935367507707706996859454145691648, 5444517870735015415413993718908291383296, 10889035741470030830827987437816582766592, 21778071482940061661655974875633165533184, 43556142965880123323311949751266331066368, 87112285931760246646623899502532662132736, 174224571863520493293247799005065324265472, 348449143727040986586495598010130648530944, 696898287454081973172991196020261297061888, 1393796574908163946345982392040522594123776, 2787593149816327892691964784081045188247552, 5575186299632655785383929568162090376495104, 11150372599265311570767859136324180752990208, 22300745198530623141535718272648361505980416, 44601490397061246283071436545296723011960832, 89202980794122492566142873090593446023921664, 178405961588244985132285746181186892047843328, 356811923176489970264571492362373784095686656, 713623846352979940529142984724747568191373312, 1427247692705959881058285969449495136382746624, 2854495385411919762116571938898990272765493248, 5708990770823839524233143877797980545530986496, 11417981541647679048466287755595961091061972992, 2283596308329	

2-00 Inventor: Udo JAUERNIG

Inventor's Signature: Udo Jauernig

Date: 1st - June - 2001

Residence: Ushikubo 9-1 47
J-224 Yokohama SPX
Japan

Citizenship: Federal Republic of Germany

Post Office Address: Same as above.

300 Inventor: Hans-J erg RENZ

Inventor's Signature: Hans-J erg Renz

Date: 21.05.01

Residence: Uhlbergstr. 5
70771 Leinfelden D 27
Federal Republic of Germany

Citizenship: Federal Republic of Germany

Post Office Address: Same as above.

4-01

Inventor: Lothar DIEHL

Inventor's Signature: Lothar Diehl

Date: 23.05.2001

Residence: Grubenaecker 141
70499 Stuttgart DEX
Federal Republic of Germany

Citizenship: Federal Republic of Germany

Post Office Address: Same as above.

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FOUO 20 5287E360

5-00

Inventor: Dieter LINDAUER

Inventor's Signature: D. Lindauer

Date: 22. 05. 2001

Residence: Raithstr. 18
75417 Muehlacker DEX
Federal Republic of Germany

Citizenship: Federal Republic of Germany

Post Office Address: Same as above.

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7 Park

Date: 21.05.01

DEX

Citizenship: Federal Republic of Germany

Post Office Address: Same as above.